

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 58 | ((DONALD) near2 (BISSETT)).INV. | US-PGPUB; USPAT | NEAR | ON | 2007/04/03 13:25 |
| S2 | 33 | ((DONALD) near2 (BISSETT)).INV. | EPO; JPO; DERWENT | NEAR | ON | 2007/04/02 12:19 |
| S3 | 91 | S1 or S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/02 12:19 |
| S4 | 21 | S3 and hexamidine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/04 17:42 |
| S5 | 2 | panthenol NEAR10 hexamidine NEAR10 vitamin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/02 17:55 |
| S6 | 10 | panthenol NEAR20 hexamidine NEAR20 (vitamin or niacinamide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/02 18:15 |
| S7 | 58 | ((DONALD) near2 (BISSETT)).INV. | US-PGPUB; USPAT | NEAR | ON | 2007/04/02 18:21 |
| S8 | 33 | ((DONALD) near2 (BISSETT)).INV. | EPO; JPO; DERWENT | NEAR | ON | 2007/04/02 18:21 |
| S9 | 91 | S7 or S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/02 18:21 |
| S10 | 10 | S9 and (hexamid\$).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/02 18:21 |
| S11 | 0 | "2004175343" | US-PGPUB; USPAT | NEAR | ON | 2007/04/03 13:26 |

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|-----|-----|--|---|------|----|------------------|
| S12 | 0 | US2004175343 | US-PGPUB; USPAT | NEAR | ON | 2007/04/03 13:26 |
| S13 | 0 | US20040175343 | US-PGPUB; USPAT | NEAR | ON | 2007/04/03 13:26 |
| S14 | 1 | "20040175343" | US-PGPUB; USPAT | NEAR | ON | 2007/04/03 18:00 |
| S15 | 615 | \$hexamidin\$ | US-PGPUB; USPAT | NEAR | ON | 2007/04/03 18:01 |
| S16 | 670 | \$hexamidin\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 18:01 |
| S17 | 556 | S16 and ((sugar amine) or vitamin or niacinamide or retinoid or peptide or phytosterol or hydroxytoluene or hydroxyanisole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 18:11 |
| S18 | 74 | S16 NEAR20 ((sugar amine) or vitamin or niacinamide or \$retino\$ or peptide or phytosterol or hydroxytoluene or hydroxyanisole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 18:03 |
| S19 | 76 | S16 NEAR20 ((sugar amine) or vitamin or niacinamide or \$retin\$ or peptide or phytosterol or hydroxytoluene or hydroxyanisole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 18:03 |
| S20 | 67 | S16 NEAR10 ((sugar amine) or vitamin or niacinamide or \$retin\$ or peptide or phytosterol or hydroxytoluene or hydroxyanisole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 18:03 |
| S21 | 30 | S19 and @ad<"20040217" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 18:04 |
| S23 | 23 | S20 and @ad<"20040217" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 18:04 |

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|-----|-----|--|---|------|----|------------------|
| S24 | 187 | S16 and ((sugar amine) or vitamin or niacinamide or retinoid or peptide or phytosterol or hydroxytoluene or hydroxyanisole) and glucosamine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 18:11 |
| S25 | 4 | S23 and glucosamine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 18:12 |
| S26 | 670 | \$hexamidin\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 21:21 |
| S27 | 76 | S26 NEAR20 ((sugar amine) or vitamin or niacinamide or \$retin\$ or peptide or phytosterol or hydroxytoluene or hydroxyanisole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 22:01 |
| S28 | 30 | S27 and @ad<"20040217" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 22:00 |
| S29 | 4 | S28 and glucosamine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 21:21 |
| S30 | 30 | S28 and \$hexamidin\$ and ((sugar amine) or vitamin or niacinamide or \$retin\$ or peptide or phytosterol or hydroxytoluene or hydroxyanisole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 22:40 |

EAST Search History

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|-----|------|---|---|------|----|------------------|
| S31 | 52 | ("20020028222" "20020034480" "20020041854" "20020058010" "20020164294" "20020165508" "20020182158" "20020192169" "20020192245" "20020192246" "20030035824" "20030077307" "20030078172" "20030082219" "4505924" "4559054" "5093109" "5100874" "5614178" "5679374" "5716800" "6153209" "6207598" "6238682" "6344218" "6451850" "6570054").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 22:32 |
| S32 | 4 | "6589514" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 22:39 |
| S33 | 1 | S31 and S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 22:39 |
| S34 | 30 | S28 and \$hexamidin\$ and ((sugar amine) or vitamin or niacinamide or \$retin\$ or peptide or phytosterol or hydroxytoluene or hydroxyanisole or panthenol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 22:40 |
| S35 | 16 | S28 and \$hexamidin\$ and ((sugar amine) or vitamin or niacinamide or \$retin\$ or peptide or phytosterol or hydroxytoluene or hydroxyanisole) and panthenol | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 22:42 |
| S36 | 4 | S28 and \$hexamidin\$ and ((sugar amine) or vitamin or niacinamide or \$retin\$ or peptide or phytosterol or hydroxytoluene or hydroxyanisole) and panthenol and glucosamine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 22:41 |
| S37 | 12 | S35 not S36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/04 16:23 |
| S38 | 1435 | "514/275".CCLS. | US-PGPUB; USPAT | NEAR | ON | 2007/04/03 23:51 |

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|-----|------|------------------------------------|---|------|----|------------------|
| S39 | 2014 | (nicotinamide or niacinamide).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 23:40 |
| S40 | 18 | S38 and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 23:43 |
| S41 | 10 | S40 and skin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 23:51 |
| S42 | 3266 | "424/59".CCLS. | US-PGPUB; USPAT | NEAR | ON | 2007/04/03 23:51 |
| S43 | 10 | S41 and S39 | US-PGPUB; USPAT | NEAR | ON | 2007/04/03 23:51 |
| S44 | 10 | S43 and skin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/03 23:51 |
| S45 | 2703 | acetyl ADJ glucosamine | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/04 16:23 |
| S46 | 258 | (acetyl ADJ glucosamine).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/04 16:23 |
| S47 | 23 | S46 and (skin care) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/04 16:23 |

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|-----|----|--|---|------|----|------------------|
| S48 | 2 | "20030176366" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/04 18:08 |
| S49 | 6 | "6110966" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/04 17:46 |
| S50 | 0 | EP1145706 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/04 18:08 |
| S51 | 18 | (castiel).inv. and (ferraris).inv. and (corinne).inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2007/04/04 18:09 |

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(keyword:niacinamide or keyword:nicotinamide) AND


☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:(**keyword:niacinamide OR keyword:nicotinamide**) AND (**skin AND care**)


Found:: :**105 total** | [27 journal results](#) | [68 preferred web results](#) | [10 other web results](#)

Sort by:: :[relevance](#) | [date](#)

☐ 1. [SKIN CARE COMPOSITION](#)

TANAKA, Hidekazu, *PATENT COOPERATION TREATY APPLICATION*, Aug 2002
SKIN CARE COMPOSITION TECHNICAL FIELD The present invention-.relates to **skin care** compositions comprising a carboxylic acid...physical appearance of the **skin**. Among these **skin care** products, many are directed to delaying...
Full text available at patent office. For more in-depth searching go to  LexisNexis
[view all 67 results from Patent Offices](#)
[similar results](#)

☐ 2. [Skin care compositions comprising low concentrations of skin treatment agents](#)

Warren, Raphael / Blevins, John Michael / Klofta, Thomas James / Minoguchi, Ryo / Pennington, Regina Leigh / Staudigel, James Anthony / Tanner, Paul Robert / Vatter, Michael Lee, *UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION*, May 2003
...The topsheet 12 also contains a **skin care** composition 17 disposed on its top surface, wherein the **skin care** composition 17 is distributed onto...13 for effective transfer of the **skin care** composition 17 onto the **skin** of a...
Full text available at patent office. For more in-depth searching go to  LexisNexis
[view all 67 results from Patent Offices](#)
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☐ 3. [The Therapeutic Potential of Poly \(ADP - Ribose \)](#) [PDF-379K]

Sep 2002
The Therapeutic Potential of Poly(ADP-Ribose) Polymerase Inhibitors L ' ASZL ' O VIR ' AG AND CSABA SZAB ' O Inotek Pharmaceutical Corp., Beverly, Massachusetts (L.V., C.S.); Department of Medical Chemistry, Medical and Health Science Center, University of Debrecen, Debrecen, Hungary (L.V.
[<http://www.earn.dote.hu/PharmRev.pdf>]
[similar results](#)

☐ 4. [CLUSIVOL® CHEW TABLETS](#) [8K]

May 2000
...Flushing and dryness of the **skin**, urticaria, pruritis, furunculosis, other **skin** lesions, abdominal cramps diarrhoea...C should be administered with **care** to patients with hyperoxaluria...and generalised peeling of the **skin**. Vitamin D: Symptoms of

Re
us
fo
am
an
cry
dn
em
gly
lan
lan
nic
pai
rac
rec
ski
ski
toc
Or
Al
F

overdosage...

[<http://home.intekom.com/pharm/akromed/clusi-ct.html>]

similar results

☐ 5. Griseofulvin [19K]

Feb 2000

...elevates its blood serum and **skin** concentrations. (Lashmanova...remedies, or other forms of self-**care**. References Anonymous. Vitamin...griseofulvin levels in the blood and **skin** of guinea pigs during its combined...guinea pigs have revealed that **skin** griseofulvin levels depend on...


[<http://home.caregroup.org/clinical/altmed/interactions...>]

similar results

☐ 6. SKIN CARE COMPOSITIONS

BISSETT, Donald, Lynn, *PATENT COOPERATION TREATY APPLICATION*, Sep 1999

SKIN CARE COMPOSITIONS FIELD OF TBE INVENTION The present invention relates to **skin care** compositions comprising a vitamin B3 compound...compounds have also found use in the area of **skin care** actives. British Patent 1,370,236 describes...

Full text available at patent office. For more in-depth searching go to  **LexisNexis**
view all 67 results from Patent Offices

similar results

☐ 7. SKIN CARE COMPOSITIONS

MASON, Brent, William, *PATENT COOPERATION TREATY APPLICATION*, Sep 1999

SKIN CARE COMPOSITIONS FIELD OF THE INVENTION The present invention relates to **skin care** compositions comprising vitamin B3 compound...compounds have also found use in the area of **skin care** actives. British Patent 1,370,236 describes...

Full text available at patent office. For more in-depth searching go to  **LexisNexis**
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☐ 8. No Title [ASCII-20K]

Sep 2002

...focus. These and other natural health **care** milestones show that natural healing...water tends to cool. If you scrub your **skin** with a cloth or loofah sponge while...assume otherwise. Persons needing medical **care** should obtain it from a physician. Consult...

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similar results

☐ 9. No Title [ASCII-20K]

Sep 2002

...focus. These and other natural health **care** milestones show that natural healing...water tends to cool. If you scrub your **skin** with a cloth or loofah sponge while...assume otherwise. Persons needing medical **care** should obtain it from a physician. Consult...

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similar results

☐ 10. No Title [ASCII-20K]

Sep 2002

...focus. These and other natural health **care** milestones show that natural healing...water tends to cool. If you scrub your **skin** with a cloth or loofah sponge while...assume otherwise. Persons needing medical **care** should obtain it from a physician. Consult...


more hits from [<http://doctoryourself.com/news/v2n1.txt>]

similar results

☐ 11. SKIN CARE COMPOSITIONS


BECK, Petra, Helga / DATE, Robert, Francis / TREMBLAY, Mario, *PATENT COOPERATION TREATY APPLICATION*, May 2000

Skin Care Compositions Technical Field The present...immediate improvement in the feel of the **skin**. Particulate materials, including both organic...inorganic particles, have- been included in **skin care** compositions. See, for example, 'Quantification...

Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
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☐ **12. PERSONAL CARE COMPOSITIONS CONTAINING ADHESIVE ELASTOMERIC POLYMER AND INORGANIC COLLOID**

ALWATTARI, Ali, Abdelaziz, *PATENT COOPERATION TREATY APPLICATION*, Feb 2002
...of the **skin** and/or hair. Among the **skin care** products, many are directed to delaying...in its entirety. A large number of **skin care** actives are known in the art and...and benzoyl peroxide are used in **skin care** compositions to treat acne. Retinol...

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☐ **13. CRC Clinical Tumour Biology and Radiation Therapy Group [20K]**
Oct 2003


...Secretary) Mrs D Penton 1 (Receptionist) Mrs M Tinsey 1 (Health **Care** Assistant) 1
Funded by Mount Vernon and Watford Hospitals NHS...morbidity (in terms of the degree and length of time of mucositis and **skin** reaction) have been increased, and a further dose escalation...

[<http://www.gci.ac.uk/lab/report97/mis/mis.html>]
[similar results](#)

☐ **14. USE OF NICOTINIC ACID DERIVATIVES FOR THE TREATMENT OF DNA DAMAGE IN SKIN CELLS**

JACOBSON, Elaine L. / JACOBSON, Myron K., *EUROPEAN PATENT*, Oct 2001


...pollution and cigarette smoke. In theory, **skin care** methods and compositions should inhibit...current methods and compositions for **skin care** are generally reactive rather than...is therefore desirable to have a **skin care** method and composition which not...

Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
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☐ **15. COMPOSITIONS FOR REGULATING SKIN APPEARANCE**

BISSETT, Donald, Lynn / OBLONG, John, Erich, *EUROPEAN PATENT*, Jan 2001

...relates to methods for regulating **skin** condition. (BACKGROUND OF THE INVENTION)
Many personal **care** products currently available to...and/or physical appearance of the **skin**. Among these **skin care** products, many are directed to...

Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
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☐ **16. Skin composition**

Kini, Mridula / Rajwade, Lalitagauri / Sona, Pushker / Surianarayanan, Ramesh, *UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT*, May 2003

...efficacy in reducing the oil secretion on the **skin** using a sebumeter by the following protocol. Volunteers with oily **skin** type were recruited. The initial sebum...their face and the sebum secretion on the **skin** surface after 2 hours was measured using...

Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
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☐ **17. Method for enhancing protective cellular responses to genotoxic stress in skin**

Jacobson, Elaine L. / Jacobson, Myron K., *UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT*, Apr 2003

...damage occurs, as might be experienced in **skin** cells following a severe sunburn, the DNA...process termed apoptosis. As this relates to **skin**, the apoptosis response has the

effect...necrosis is not likely to occur in normal **skin** but may occur in diseased **skin** or more...

Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
[view all 67 results from Patent Offices](#)
[similar results](#)

☐ **18. METHOD OF TREATING SKIN IRRITATION**

BISSETT, Donald, Lynn / ADAMS, Josephine, Ann, PATENT COOPERATION TREATY APPLICATION, Sep 1999

...INVENTION The invention relates to **skin-care** compositions and methods for treating...Notwithstanding such disclosures in the area of **skin care**, there remains a need for additional...a safe and effective amount of a **skin care** composition comprising:
a). at least...

Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
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☐ **19. COSMETIC COMPOSITIONS AND METHODS FOR LIGHTENING THE SKIN**

ZHANG, Kelly, Hua / SATPUTE, Prasanna / IWATA, Koichi / TALLMAN, Michael, Timothy, PATENT COOPERATION TREATY APPLICATION, Jun 2001

...present invention includes a cosmetic **skin care** composition comprising: (a) a low...preferably from 0.01 to 15 wt%. The **skin care** composition employed in the invention...Top of Patent CLAIMS: 1. A cosmetic **skin care** composition comprising: (a) a low...

Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
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[similar results](#)

☐ **20. SKIN MOISTURIZING COMPOSITIONS**

BISSETT, Donald, Lynn, PATENT COOPERATION TREATY APPLICATION, Sep 1999

...a safe and effective amount of a **skin care** composition comprising: A. a water...articles of manufacture comprising a **skin care** composition comprising from about...B3 compound in a package for said **skin care** composition in association with the...

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19/780,267>04/04/2007

=> d his

(FILE 'HOME' ENTERED AT 19:30:04 ON 04 APR 2007)

FILE 'HCAPLUS' ENTERED AT 19:30:12 ON 04 APR 2007

L1 1472 S ?HEXAMID?
E SKIN+ALL/CT
L2 301098 S (SKIN OR "BODY, ANATOMICAL") OR "SKIN" OR "INTEGUMENT" OR "SK
L3 86 S L1 AND L2
L4 3118 S SKIN CARE
L5 25 S L4 AND L3
L6 19 S L5 AND 1800<=PY<=2004

FILE 'STNGUIDE' ENTERED AT 19:32:06 ON 04 APR 2007

FILE 'HCAPLUS' ENTERED AT 19:32:10 ON 04 APR 2007

FILE 'STNGUIDE' ENTERED AT 19:32:14 ON 04 APR 2007

FILE 'HCAPLUS' ENTERED AT 19:33:10 ON 04 APR 2007

L7 6 S L6 AND ?NIACIN?
L8 1 S L6 AND ?ASCORB?

FILE 'STNGUIDE' ENTERED AT 19:34:19 ON 04 APR 2007

L6 ANSWER 1 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:592136 HCAPLUS

DOCUMENT NUMBER: 143:120595

TITLE: Skin care compositions comprising hexamidine, zinc oxide and niacinamide on a thin sanitary napkin

INVENTOR(S): Warren, Raphael; Hammons, John Lee; Blevins, John Michael; Klofta, Thomas James; Minoguchi, Ryo; Pennington, Regina Leigh; Staudigel, James Anthony; Tanner, Paul Robert; Vatter, Michael Lee

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 17 pp., Cont.-in-part of U.S. Ser. No. 152,924.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 20

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| US 2005148962 | A1 | 20050707 | US 2004-992430 | 20041118 |
| US 2003082219 | A1 | 20030501 | US 2002-152924 | 20020521 <-- |
| AU 2005265258 | A1 | 20060126 | AU 2005-265258 | 20050621 |
| CA 2570686 | A1 | 20060126 | CA 2005-2570686 | 20050621 |
| WO 2006009996 | A1 | 20060126 | WO 2005-US21752 | 20050621 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| AU 2006209374 | A1 | 20060928 | AU 2006-209374 | 20060908 |
| PRIORITY APPLN. INFO.: | | | US 2001-968154 | B2 20011001 |
| | | | US 2002-152924 | A2 20020521 |
| | | | US 2004-581483P | P 20040621 |
| | | | AU 2003-301008 | A3 20031216 |
| | | | WO 2005-US21752 | W 20050621 |

AB Disclosed is a sanitary napkin for wearing adjacent the pudendal region, having a skin care composition applied thereon, wherein the sanitary napkin has a caliper less than about 5.0 mm. The skin care composition can have about 0.001% to about 0.1% by weight of hexamidine, about 0.001% to about 10% by weight of zinc oxide, about 0.01% to about 10% by weight of niacinamide, and a carrier. Thus, a skin care composition contained hexamidine 0.1, panthenol 0.5, glycerin 0.1, niacinamide/chamomile (Phytoconcentrol Chamomile) 0.5, and a carrier 97.1%, the carrier comprising petrolatum 78.1, behenyl alc. 8.7, Beheneth-10 10.0, and fumed silica 3.2%, resp.

=> d 16 ibib abs 2-19

L6 ANSWER 2 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:1036844 HCAPLUS

DOCUMENT NUMBER: 142:11276

TITLE: Compositions comprising an amidine and an alkane polyol

INVENTOR(S): Elliott, Russell Phillip; McKay, Barnaby George
 Robert; Vanooothuyze, Kristina Emma Inge
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: PCT Int. Appl., 24 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|-----------------|--------------|
| WO 2004103290 | A2 | 20041202 | WO 2004-US15049 | 20040514 <-- |
| WO 2004103290 | A3 | 20060817 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| EP 1477155 | A1 | 20041117 | EP 2003-253081 | 20030516 <-- |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | |
| EP 1477157 | A1 | 20041117 | EP 2004-252687 | 20040507 <-- |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR | | | |
| US 2004228820 | A1 | 20041118 | US 2004-841193 | 20040507 <-- |
| AU 2004240612 | A1 | 20041202 | AU 2004-240612 | 20040514 <-- |
| CA 2524656 | A1 | 20041202 | CA 2004-2524656 | 20040514 <-- |
| BR 2004010369 | A | 20060530 | BR 2004-10369 | 20040514 |
| PRIORITY APPLN. INFO.: | | | EP 2003-253081 | A 20030516 |
| | | | US 2001-338042P | P 20011113 |
| | | | WO 2004-US15049 | W 20040514 |

AB The present invention relates to cosmetic compns. containing 0.001 to 10% of an amidine, and 0.01 to 20% of an alkane polyol having a ClogP of from +0.2 to +1.55 and water. The present invention also relates to methods of using such cosmetic compns. to regulate hair growth and the condition of mammalian skin. Said methods generally comprise the step of topically applying a safe and effective amount of such compns. to the skin of a mammal needing such treatment. For example, a moisturizing skin cream/lotion for hand and body skin care was prepared containing Tospearl 144A 1.00, sodium hydroxide 40% solution 0.022, dimethicone and dimethiconol (DC 1503) 1.00, benzyl alc. 0.25, D-panthenol 1.00, polyacrylamide (Sepigel 305) 1.50, fractionated coconut oil 0.40, DL- α -tocopherol acetate 0.25, petrolatum (white soft paraffin) 2.00, iso-Pr isostearate 1.50, behenyl alc. (Stenol 1822A) 0.42, cetyl alc. 95% 0.515, stearic acid 0.10, stearyl alc. (Crodacol S 95) 0.641, PEG-100-stearate (Myrj 59) 0.10, butylated hydroxytoluene 1.00, hexamidine diisethionate 0.10, Et paraben (Nipasol M) 0.07, isohexadecane (Arlamol HD) 3.00, Emulgade PL 68/50 0.20, glycerin 7.00, 1,2-hexanediol 3.00, disodium EDTA 0.10, and water, fragrance, and preservatives to 100%, resp.

L6 ANSWER 3 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:877941 HCAPLUS
 DOCUMENT NUMBER: 141:354849
 TITLE: Compositions comprising dialkanoyl hydroxyproline compounds and skin care compounds

and methods for regulating mammalian keratinous tissue
 INVENTOR(S): Robinson, Larry Richard; Tanner, Paul Robert
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 25 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|--------------|
| US 2004208903 | A1 | 20041021 | US 2003-418594 | 20030417 <-- |
| AU 2004231973 | A1 | 20041104 | AU 2004-231973 | 20040416 <-- |
| CA 2522064 | A1 | 20041104 | CA 2004-2522064 | 20040416 <-- |
| WO 2004093841 | A1 | 20041104 | WO 2004-US11804 | 20040416 <-- |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP 1622582 | A1 | 20060208 | EP 2004-759927 | 20040416 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK | | | | |
| BR 2004009372 | A | 20060425 | BR 2004-9372 | 20040416 |
| CN 1774231 | A | 20060517 | CN 2004-80010382 | 20040416 |
| JP 2006523615 | T | 20061019 | JP 2006-501274 | 20040416 |
| PRIORITY APPLN. INFO.: US 2003-418594 A 20030417 | | | | |
| WO 2004-US11804 W 20040416 | | | | |

OTHER SOURCE(S): MARPAT 141:354849

AB The present invention relates to skin care compns. and methods for regulating the condition of mammalian keratinous tissue containing an effective amount of a dialkanoyl hydroxyproline compound and a second skin care compound selected from hexamidine compds., sugar amine compds. and their combination. These compns. may be either an emulsion or a solution wherein the dialkanoyl hydroxyproline compound may be converted to its salt for incorporation into the aqueous phase of a compns. The compns. further comprise a dermatol. acceptable carrier.

L6 ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:756614 HCAPLUS

DOCUMENT NUMBER: 141:282397

TITLE: Regulation of mammalian hair growth

INVENTOR(S): Oblong, John Erich; McPhail, Sara Johnson; McArthur, Shannon Christine; Bascom, Charles Carson; Eickhoff, David Joseph; McIver, John Mcmillan

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|--------------|
| WO 2004078157 | A2 | 20040916 | WO 2004-US6498 | 20040304 <-- |

WO 2004078157 A3 20041229
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,
MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG
US 2005003024 A1 20050106 US 2004-783151 20040219
AU 2004218345 A1 20040916 AU 2004-218345 20040304 <--
CA 2516500 A1 20040916 CA 2004-2516500 20040304 <--
EP 1601340 A2 20051207 EP 2004-717357 20040304
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK
BR 2004008010 A 20060214 BR 2004-8010 20040304
CN 1756527 A 20060405 CN 2004-80005772 20040304
JP 2006515328 T 20060525 JP 2005-518888 20040304
US 2006127431 A1 20060615 US 2006-344771 20060201
PRIORITY APPLN. INFO.: US 2003-451910P P 20030304
US 2004-783151 A1 20040219
WO 2004-US6498 A 20040304

AB The present invention relates to a topical skin care composition containing a safe and effective amount of a skin care active comprising agmatine, and its salt; a safe and effective amount of a first addnl. skin care active selected from the group consisting of BHT or BHA, hexamidine, cetyl pyridinium chloride, green tea catechins, phytosterols, ursolic acid, compds. derived from plant exts., their salts and derivs.; and a dermatol. acceptable carrier for the agmatine composition. The present invention also relates to methods of using such agmatine compns. to regulate hair growth and the condition of mammalian skin. Said methods generally comprise the step of topically applying the composition to the skin of a mammal needing such treatment, a safe and effective amount of such compns. For example, a moisturizing skin cream/lotion for hand and body skin care was prepared as an oil-in-water emulsion containing by weight niacinamide 2.0%, panthenol 1.0%, polyacrylamide/isoparaffin/laureth-7 2.0%, glycerin 5.0%, allantoin 0.2%, Aloe vera gel 0.05%, tocopheryl acetate 0.75%, cetyl alc. 2.0%, stearyl alc. 2.0%, behenyl alc. 1.0%, dimethicone/dimethiconol 0.75%, Steareth-21 0.6%, Steareth-2 0.1%, PPG-15-stearyl ether 3.0%, agmatine 2.50%, isononyl isononanoate 5.0%, dimethicone 0.5%, disodium EDTA 0.10%, Nylon 12 (Orgasol 2002 D NAT COS) 1.5%, titanium dioxide/mica (a green interference pigment) 0.75%, BHT 0.50%, petrolatum 1.00%, and water, fragrance and preservatives to 100%.

L6 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:739946 HCAPLUS

DOCUMENT NUMBER: 141:265581

TITLE: Regulation of mammalian keratinous tissue using hexamidine compositions

INVENTOR(S): Bissett, Donald Lynn

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: U.S. Pat. Appl. Publ., 22 pp., Cont.-in-part of U.S. Ser. No. 379,252.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|--------------|
| US 2004176273 | A1 | 20040909 | US 2004-780267 | 20040217 <-- |

US 2004175347 A1 20040909 US 2003-379252 20030304 <--
 US 2006074097 A1 20060406 US 2005-246317 20051007
 PRIORITY APPLN. INFO.: US 2003-379252 A2 20030304
 US 2004-780267 A2 20040217

AB The present invention relates to methods for regulating the condition of mammalian keratinous tissue wherein the methods each comprise the step of topically applying to the keratinous tissue of a mammal needing such treatment, a safe and effective amount of a skin care composition comprising: a) a safe and effective amount of a hexamidine compound selected from the group consisting of hexamidine, its salts, and derivs.; b) a safe and effective amount of one or more skin care active selected from the group consisting of sugar amine, vitamin B 3, retinoid, peptide, phytosterol, butylated hydroxytoluene and butylated hydroxyanisole, their derivs., and combinations thereof; and c) a dermatol. acceptable carrier for the hexamidine and the skin care active. In addnl. embodiments, the above composition is suitable for preventing, retarding, and/or treating dark under-eye circles, puffy eyes, sagging, sallowness as well as spider vessels and/or red blotchiness of skin, promoting skin desquamation, exfoliation, and/or turnover, regulating and/or reducing pore size appearance, preventing/retarding tanning, regulating oily/shiny appearance, preventing, retarding, and/or treating hyperpigmentation in mammalian skin, preventing, retarding, and/or treating itchiness of mammalian skin, preventing, retarding, and/or treating dryness of skin, preventing, retarding, and/or treating fine lines and wrinkles, preventing, retarding, and/or treating skin atrophy of mammalian skin, softening and/or smoothing lips, hair and nails of a mammal, and preventing, retarding, and/or treating the appearance of cellulite in mammalian skin. For example, a water-based make-up stick contained propylene glycol 15, dipropylene glycol 50, sodium stearate 6, N-acetyl D-glucosamine 2, niacinamide 5 and hexamidine diisethionate 0.5% plus proper amount of water.

L6 ANSWER 6 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:739738 HCAPLUS
 DOCUMENT NUMBER: 141:248393
 TITLE: Regulation of mammalian keratinous tissue using hexamidine compositions
 INVENTOR(S): Bissett, Donald Lynn
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: U.S. Pat. Appl. Publ., 20 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|--------------|
| US 2004175347 | A1 | 20040909 | US 2003-379252 | 20030304 <-- |
| US 2004176273 | A1 | 20040909 | US 2004-780267 | 20040217 <-- |
| AU 2004218346 | A1 | 20040916 | AU 2004-218346 | 20040304 <-- |
| CA 2516501 | A1 | 20040916 | CA 2004-2516501 | 20040304 <-- |
| WO 2004078158 | A2 | 20040916 | WO 2004-US6499 | 20040304 <-- |
| WO 2004078158 | A3 | 20050113 | | |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA,

GN, GQ, GW, ML, MR, NE, SN, TD, TG
 EP 1603529 A2 20051214 EP 2004-717359 20040304
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK
 BR 2004008062 A 20060214 BR 2004-8062 20040304
 CN 1756528 A 20060405 CN 2004-80005780 20040304
 JP 2006515329 T 20060525 JP 2005-518889 20040304
 US 2006074097 A1 20060406 US 2005-246317 20051007
 PRIORITY APPLN. INFO.: US 2003-379252 A2 20030304
 US 2004-780267 A2 20040217
 WO 2004-US6499 A 20040304

AB The present invention relates to methods for regulating the condition of mammalian keratinous tissue wherein the methods each comprise the step of topically applying to the keratinous tissue of a mammal needing such treatment, a safe and effective amount of a skin care composition comprising: a) a safe and effective amount of a hexamidine compound selected from the group consisting of hexamidine, its salts, and derivs.; b) a safe and effective amount of a skin care active selected from the group consisting of sugar amine, vitamin B 3, retinoid, peptide, phytosterol, their derivs., and combinations thereof; and c) a dermatol. acceptable carrier for the hexamidine and the skin care active. In addnl. embodiments, the above composition is suitable for preventing, retarding, and/or treating dark under-eye circles, puffy eyes, sagging, sallowness as well as spider vessels and/or red blotchiness of skin, promoting skin desquamation, exfoliation, and/or turnover, regulating and/or reducing pore size appearance, preventing/retarding tanning, regulating oily/shiny appearance, preventing, retarding, and/or treating hyperpigmentation in mammalian skin, preventing, retarding, and/or treating itchiness of mammalian skin, preventing, retarding, and/or treating dryness of skin, preventing, retarding, and/or treating fine lines and wrinkles, preventing, retarding, and/or treating skin atrophy of mammalian skin, softening and/or smoothing lips, hair and nails of a mammal, and preventing, retarding, and/or treating the appearance of cellulite in mammalian skin. Moisturizing skin cream/lotions consisting of four phases are prepared containing, in addition to many other ingredients, hexamidine isethionate, a palmitoylpentapeptide, tocopherol acetate, retinyl propionate, and phytosterols.

L6 ANSWER 7 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:701861 HCAPLUS
 DOCUMENT NUMBER: 141:212840
 TITLE: Hemorrhoid treatment pad containing skin care composition
 INVENTOR(S): Warren, Raphael; Blevins, John Michael; Osborn, Thomas Ward
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: U.S. Pat. Appl. Publ., 28 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|--------------|
| US 2004167479 | A1 | 20040826 | US 2003-370748 | 20030220 <-- |
| CA 2517001 | A1 | 20040902 | CA 2004-2517001 | 20040220 <-- |
| WO 2004073757 | A1 | 20040902 | WO 2004-US5083 | 20040220 <-- |
| WO 2004073757 | A8 | 20041014 | | |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,

CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1605981 A1 20051221 EP 2004-713351 20040220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
CN 1750847 A 20060322 CN 2004-80004652 20040220
JP 2006518711 T 20060817 JP 2005-518585 20040220
PRIORITY APPLN. INFO.: US 2003-370748 A 20030220
WO 2004-US5083 W 20040220

AB Disclosed is a hemorrhoid treatment pad, the hemorrhoid treatment pad having a substance on a body facing surface thereof, the substance comprising a skin care composition. The skin care composition can have 0.001-0.1 % of hexamidine; 0.001-10 % of zinc oxide; 0.01-10 % of niacinamide; and a carrier. A carrier composition containing petrolatum (Protopet 1S) 78.1, behenyl alc. (Lanette 22) 8.7, beheneth-10 (Mergital B10) 10, and fumed silica (Cabosil TS-720) 3.2 % 97.1 parts was mixed with ZnO premix 0.7, hexamidine diisethionate (Elastab HP100) 0.1, panthenol 0.5, glycerin (Kosher) 0.1, niacinamide 1, and chamomile 0.5 parts to obtain a skin care composition. The skin care composition can be subsequently applied by spraying the composition onto the entire body surface wearer-contacting surface of a hemorrhoid treatment pad.

L6 ANSWER 8 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:282815 HCAPLUS

DOCUMENT NUMBER: 140:309487

TITLE: Skin-protecting compositions to be delivered from absorbent articles

INVENTOR(S): Osborne, Scott Edward; Deckner, George Endel; Klofta, Thomas James; Vega, Victor Nicholas

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: U.S., 14 pp., Cont.-in-part of U.S. Ser. No. 41,266, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-------------------|--------------|
| US 6716441 | B1 | 20040406 | US 1999-466343 | 19991217 <-- |
| ZA 9902000 | A | 19990913 | ZA 1999-2000 | 19990311 <-- |
| TR 200002601 | T2 | 20001221 | TR 2000-200002601 | 19990311 <-- |
| CA 2393732 | A1 | 20010621 | CA 2000-2393732 | 20001213 <-- |
| CA 2393732 | C | 20051220 | | |
| WO 2001043717 | A1 | 20010621 | WO 2000-US33741 | 20001213 <-- |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| EP 1237535 | A1 | 20020911 | EP 2000-984288 | 20001213 <-- |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, | | | |

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 JP 2003516955 T 20030520 JP 2001-544656 20001213 <--
 US 2004175343 A1 20040909 US 2004-804381 20040319 <--
 PRIORITY APPLN. INFO.: US 1998-41266 B2 19980312
 US 1999-466343 A 19991217
 WO 2000-US33741 W 20001213

AB The present invention relates to a novel composition for efficiently releasing hydrophilic or water-soluble skin care actives from an oleaginous composition. The substantially oleaginous composition of the present invention comprises: (1) at least one skin care active; (2) a release agent having an HLB of at least about 3; and (3) a hydrophobic barrier protectant. The novel release composition may be topically applied to skin using a dispensing means such as an absorbent article, a wipe, a bandage, a pad, a canister, a stick, an aerosol dispenser, a sprayer, and the like. For example, a release composition was formulated containing hexamidine diisethionate 0.1, Beheneth-10 6.3, Petrolatum 72.6, behenyl alc. 17.7, and fumed silica 3.3 %, then deposited on a top sheet of an absorbent article.

REFERENCE COUNT: 69 THERE ARE 69 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 19 HCAPLUS. COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:570679 HCAPLUS

DOCUMENT NUMBER: 139:122826

TITLE: Disposable absorbent article having a skin care composition containing an enzyme inhibitor

INVENTOR(S): Roe, Donald Carroll; Rourke, Francis James; Osborne, Scott Edward

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: U.S. Pat. Appl. Publ., 30 pp., Cont.-in-part of U.S. Ser. No. 623,813.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| US 2003139711 | A1 | 20030724 | US 2002-323386 | 20021218 <-- |
| US 6703536 | B2 | 20040309 | | |
| WO 9945973 | A1 | 19990916 | WO 1999-US5311 | 19990311 <-- |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW | | | | |
| RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |

PRIORITY APPLN. INFO.: US 1998-41266 B2 19980312
 WO 1999-US5311 A 19990311
 US 2000-623813 B2 20000908

AB An absorbent article, at least a portion of which comprises a skin care composition that comprises an enzyme inhibitor and is at least partially transferred from the article to the skin of a wearer of the article as a result of normal contact, wearer motion and/or body heat. The enzyme inhibitor is transferred to the skin with the skin care composition and is available at the skin /urine and skin/feces interfaces to inhibit enzymic activity on the skin and to reduce or prevent the occurrence of inflammation. Repeated application of similar treated articles to the

wearer's skin provides an available source with which the enzyme inhibitor transfers onto the skin continuously over time and accumulates to provide a proactive defense against harmful enzymes for the treatment and/or prevention of diaper dermatitis. A skin care composition was obtained by mixing the following components: 99 parts a melted base composition containing 58 parts petrolatum, 41 parts stearyl alc., and 1 part Aloe extract with 1 part tranexamic acid.

L6 ANSWER 10 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:408851 HCAPLUS
 DOCUMENT NUMBER: 138:406608
 TITLE: Absorbent article having a stable skin care composition
 INVENTOR(S): Gatto, Joseph Anthony; Hanser, Thomas Robert; Staudigel, James Anthony; Klofta, Thomas James; Cramer, Ronald Dean; Roe, Donald Carroll
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: U.S., 26 pp., Cont.-in-part of U.S. Ser. No. 316,691, abandoned
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|------------------|--------------|
| US 6570054 | B1 | 20030527 | US 2000-563638 | 20000502 <-- |
| CA 2373570 | A1 | 20001130 | CA 2000-2373570 | 20000519 <-- |
| CA 2373570 | C | 20070206 | | |
| WO 2000071177 | A1 | 20001130 | WO 2000-US13849 | 20000519 <-- |
| W: | AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| EP 1178844 | A1 | 20020213 | EP 2000-930827 | 20000519 <-- |
| EP 1178844 | B1 | 20051026 | | |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | |
| JP 2003500115 | T | 20030107 | JP 2000-619478 | 20000519 <-- |
| AT 307619 | T | 20051115 | AT 2000-930827 | 20000519 |
| ES 2251376 | T3 | 20060501 | ES 2000-930827 | 20000519 |
| TW 476639 | B | 20020221 | TW 2000-89109768 | 20000520 <-- |
| US 2002165508 | A1 | 20021107 | US 2002-54628 | 20020122 <-- |
| US 2003195486 | A1 | 20031016 | US 2003-417459 | 20030416 <-- |
| US 6793930 | B2 | 20040921 | | |
| US 2004208984 | A1 | 20041021 | US 2004-845926 | 20040513 <-- |
| US 7033645 | B2 | 20060425 | | |
| PRIORITY APPLN. INFO.: | | | US 1999-316691 | B2 19990521 |
| | | | US 2000-563638 | A 20000502 |
| | | | WO 2000-US13849 | W 20000519 |
| | | | US 2003-417459 | A3 20030416 |
| AB | The present invention relates to an absorbent article (e.g., sanitary napkin, tampon) having a stable skin care composition disposed on its skin-contacting surface. The skin care composition is readily transferable to the skin via normal contact, wearer motion, and/or body heat. Importantly, the skin care composition contains at least one skin care ingredient imparting visible skin benefits to the | | | |

skin upon transfer to the skin and at least one rheol. agent for stabilizing the composition such that agglomeration, stratification and/or settling of the composition are minimized. The present invention also relates to a process for making the absorbent articles having a stable skin care composition disposed thereon. Thus, a composition contained Perfecta (petrolatum) 55.0, CO-1897 (stearyl alc.) 34.3, ZnO predispersion 6.7, and Cab-O-Sil TS-720 4.0%. This composition was applied to the surface of an absorbent article.

REFERENCE COUNT: 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 11 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:334402 HCAPLUS
 DOCUMENT NUMBER: 138:343474
 TITLE: Skin care compositions comprising low concentrations of skin treatment agents
 INVENTOR(S): Warren, Raphael; Blevins, John Michael; Klofta, Thomas James; Minoguchi, Ryo; Pennington, Regina Leigh; Staudigel, James Anthony; Tanner, Paul Robert; Vatter, Michael Lee
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: U.S. Pat. Appl. Publ., 16 pp., Cont.-in-part of U.S. Ser. No. 968,154.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 20
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|--------------|
| US 2003082219 | A1 | 20030501 | US 2002-152924 | 20020521 <-- |
| CA 2462457 | A1 | 20030410 | CA 2002-2462457 | 20021001 <-- |
| WO 2003028776 | A1 | 20030410 | WO 2002-US31135 | 20021001 <-- |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP 1432457 | A1 | 20040630 | EP 2002-763808 | 20021001 <-- |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK | | | | |
| BR 2002013062 | A | 20040928 | BR 2002-13062 | 20021001 <-- |
| HU 200401764 | A2 | 20041129 | HU 2004-1764 | 20021001 <-- |
| CN 1561233 | A | 20050105 | CN 2002-819197 | 20021001 |
| JP 2005504591 | T | 20050217 | JP 2003-532104 | 20021001 |
| TW 233364 | B | 20050601 | TW 2002-91123298 | 20021009 |
| US 2003206943 | A1 | 20031106 | US 2003-444241 | 20030523 <-- |
| US 2004170589 | A1 | 20040902 | US 2004-789967 | 20040227 <-- |
| ZA 2004001881 | A | 20050420 | ZA 2004-1881 | 20040308 |
| US 2005129651 | A1 | 20050616 | US 2004-992383 | 20041118 |
| US 2005148962 | A1 | 20050707 | US 2004-992430 | 20041118 |
| US 2005154362 | A1 | 20050714 | US 2005-59763 | 20050217 |
| US 2006062816 | A1 | 20060323 | US 2005-222654 | 20050909 |
| AU 2006209374 | A1 | 20060928 | AU 2006-209374 | 20060908 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 2001-968154 | A2 20011001 |
| | | | US 2002-152924 | A 20020521 |
| | | | WO 2002-US31135 | W 20021001 |

US 2003-444241 A2 20030523
 AU 2003-301008 A3 20031216
 US 2004-789967 A2 20040227
 US 2004-581483P P 20040621

AB Skin care compns. that are suitable for application on absorbent articles such as panty liners and interlabial products for delivery of the skin care compns. effective in preventing and/or reducing skin disorders related to erythema, malodor, and skin bacterial infections onto an external or internal area of the skin are described. The composition comprises (a) about 0.001-0.1% by weight of hexamidine; (b) about 0.001-10% by weight of zinc oxide; (c) about 0.01-10% by weight of niacinamide; and (d) a carrier. For example, a skin care composition carrier system contained petrolatum 78.1%, behenyl alc. 8.7%, Beheneth-10 10.0%, and fumed silica 3.2%. A skin care composition was prepared from 97.1% of the carrier system, mixed with 0.7% ZnO Premix, 0.1% hexamidine, 0.5% panthenol, 0.1% glycerin, 1.0% niacinamide, and 0.5% chamomile extract

L6 ANSWER 12 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:850724 HCAPLUS
 DOCUMENT NUMBER: 135:376535
 TITLE: Composition for make-up or skin-care in a powdery form containing a particular binder
 INVENTOR(S): Hadasch, Anke; Lemann, Patricia; Simonnet, Jean-tierry
 PATENT ASSIGNEE(S): L'oreal, Fr.
 SOURCE: Eur. Pat. Appl., 21 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| EP 1155676 | A2 | 20011121 | EP 2001-401249 | 20010515 <-- |
| EP 1155676 | A3 | 20021218 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| FR 2808999 | A1 | 20011123 | FR 2000-6448 | 20000519 <-- |
| FR 2808999 | B1 | 20021031 | | |
| JP 2002020236 | A | 20020123 | JP 2001-148415 | 20010517 <-- |
| CN 1331967 | A | 20020123 | CN 2001-122173 | 20010518 <-- |
| US 2002041854 | A1 | 20020411 | US 2001-860567 | 20010521 <-- |
| PRIORITY APPLN. INFO.: | | | FR 2000-6448 | A 20000519 |
| OTHER SOURCE(S): MARPAT 135:376535 | | | | |

AB A make-up composition contains a powdery phase and a binding phase which a continuous aqueous phase. A binding phase contained iso-Pr myristate 1.64, castor oil 2.46, vaseline oil 12.36, liquid lanolin 1.26, water 70.95, imidazolyl urea 0.3, glycerin 5, Acylglutamate HS-11 0.03, phytantriol 2.97, vaseline 2.28, chlorphenesine 0.25, and polyoxyethylene sorbitan monopalmitate 0.5%. A cosmetic make-up contained talc 77.06, iron oxide 2.74, Nylon powder 10, titanium oxide 1, preservative 0.2, and above binding phase 9%.

L6 ANSWER 13 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:814015 HCAPLUS
 DOCUMENT NUMBER: 135:362353
 TITLE: Use of fibers in a make-up or skin-care composition for giving a matte skin appearance
 INVENTOR(S): Afriat, Isabelle
 PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 12 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| EP 1151742 | A2 | 20011107 | EP 2001-400866 | 20010404 <-- |
| EP 1151742 | A3 | 20021106 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| FR 2808441 | A1 | 20011109 | FR 2000-5712 | 20000504 <-- |
| FR 2808441 | B1 | 20040618 | | |
| JP 2001354546 | A | 20011225 | JP 2001-134608 | 20010501 <-- |
| US 2002028222 | A1 | 20020307 | US 2001-847388 | 20010503 <-- |
| PRIORITY APPLN. INFO.: FR 2000-5712 A 20000504 | | | | |
| AB Polymer fibers (such as particle of polyamide fibers 1 µm to 10 mm) are used in make-up or skin-care compns. for giving a matte skin appearance. A cosmetic powder contained talc 75.3, polyamide fibers 7.5, nylon powder 10, pigments 3, siloxane binder 4, and preservative 0.2%. | | | | |

L6 ANSWER 14 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:452834 HCAPLUS
 DOCUMENT NUMBER: 135:50905
 TITLE: Compositions for efficient release of skin active ingredients from oleaginous carriers
 INVENTOR(S): Osborne, Scott Edward; Deckner, George Endel; Klofta, Thomas James; Vega, Victor Nicholas
 PATENT ASSIGNEE(S): Procter + Gamble Company, USA
 SOURCE: PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| WO 2001043717 | A1 | 20010621 | WO 2000-US33741 | 20001213 <-- |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 6716441 | B1 | 20040406 | US 1999-466343 | 19991217 <-- |
| CA 2393732 | A1 | 20010621 | CA 2000-2393732 | 20001213 <-- |
| CA 2393732 | C | 20051220 | | |
| EP 1237535 | A1 | 20020911 | EP 2000-984288 | 20001213 <-- |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| JP 2003516955 | T | 20030520 | JP 2001-544656 | 20001213 <-- |
| PRIORITY APPLN. INFO.: US 1999-466343 A 19991217 | | | | |
| US 1998-41266 B2 19980312 | | | | |
| WO 2000-US33741 W 20001213 | | | | |
| AB The present invention relates to a novel composition for efficiently releasing hydrophilic or water-soluble skin care actives from an | | | | |

oleaginous composition The substantially oleaginous composition of the present invention comprises: (1) at least one skin care active; (2) a release agent having an HLB of at least about 3; and (3) a hydrophobic barrier protectant. The novel release composition may be topically applied to skin using a dispensing means such as an absorbent article, a wipe, a bandage, a pad, a canister, a stick, an aerosol dispenser, a sprayer, and the like. For example, a release composition representative of the present invention contained (by weight) hexamidine diisethionate 0.1%, Beheneath-10 6.3%, petrolatum 72.6%, behenyl alc. 17.7%, and fumed silica 3.3%. The composition may be incorporated directly onto the surface of an absorbent article for the release of composition for a period of at least about 4 days. The release is enhanced by exposing the composition to moisture in the surrounding. At the end of the 4 day period, the skin in the general area contacted by the lotion-treated portion of the article shows visible improvement, such as reduction in redness.

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 15 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:842025 HCAPLUS

DOCUMENT NUMBER: 134:21502

TITLE: Absorbent article having a skin care composition

INVENTOR(S): Gatto, Joseph Anthony; Hanser, Thomas Robert; Staudigel, James Anthony; Klofta, Thomas James; Cramer, Ronald Dean; Roe, Donald Carroll

PATENT ASSIGNEE(S): Procter and Gamble Company, USA

SOURCE: PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| WO 2000071177 | A1 | 20001130 | WO 2000-US13849 | 20000519 <-- |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 6570054 | B1 | 20030527 | US 2000-563638 | 20000502 <-- |
| CA 2373570 | A1 | 20001130 | CA 2000-2373570 | 20000519 <-- |
| CA 2373570 | C | 20070206 | | |
| EP 1178844 | A1 | 20020213 | EP 2000-930827 | 20000519 <-- |
| EP 1178844 | B1 | 20051026 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| JP 2003500115 | T | 20030107 | JP 2000-619478 | 20000519 <-- |
| AT 307619 | T | 20051115 | AT 2000-930827 | 20000519 |
| PRIORITY APPLN. INFO.: | | | US 1999-316691 | A 19990521 |
| | | | US 2000-563638 | A 20000502 |
| | | | WO 2000-US13849 | W 20000519 |

AB The present invention relates to an absorbent article having a stable skin care composition disposed on its skin -contacting surface. The skin care composition is readily transferable to the skin via normal contact, wearer motion, and/or body heat. Importantly, the skin care composition

contains at least one skin care ingredient imparting visible skin benefits to the skin upon transfer to the skin and at least one rheol. agent for stabilizing the composition such that agglomeration, stratification and/or settling of the composition are minimized. The present invention also relates to a process for making the absorbent articles having a stable skin care composition disposed thereon. For example, a skin care composition was prepared containing petrolatum 55%, stearyl alc. 34.3%, ZnO predispersion 6.7%, and fumed silica 4.0%. The composition was applied to a surface of an absorbent article using a contact slot coater.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:830327 HCAPLUS

DOCUMENT NUMBER: 134:21498

TITLE: Article having a transferable breathable skin care composition thereon

INVENTOR(S): Vega, Victor Nicholas; Hanser, Thomas Robert; van Hauwermeiren, Tim; Roe, Donald Carroll

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: U.S., 25 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| US 6153209 | A | 20001128 | US 1999-407950 | 19990928 <-- |
| CA 2385064 | A1 | 20010405 | CA 2000-2385064 | 20000920 <-- |
| WO 2001022933 | A1 | 20010405 | WO 2000-US25789 | 20000920 <-- |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| BR 2000014369 | A | 20020625 | BR 2000-14369 | 20000920 <-- |
| EP 1216020 | A1 | 20020626 | EP 2000-965204 | 20000920 <-- |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | | |
| TR 200200814 | T2 | 20020722 | TR 2002-814 | 20000920 <-- |
| HU 200202709 | A2 | 20030128 | HU 2002-2709 | 20000920 <-- |
| HU 200202709 | A3 | 20061128 | | |
| JP 2003510132 | T | 20030318 | JP 2001-526145 | 20000920 <-- |
| ZA 2002002000 | A | 20030611 | ZA 2002-2000 | 20020311 <-- |
| IN 2002DN00296 | A | 20070309 | IN 2002-DN296 | 20020313 |
| NO 2002001529 | A | 20020528 | NO 2002-1529 | 20020326 <-- |
| PRIORITY APPLN. INFO.: | | | US 1999-407950 | A 19990928 |
| | | | WO 2000-US25789 | W 20000920 |

AB The present invention relates to an article having a skin care composition disposed on at least a portion of the article, e.g. a diaper, training pant, sanitary napkin, pantiliner, incontinence article, and diaper holder. The skin care composition is a breathable, barrier protectant which can be immobilized on the article and is transferable to the wearer's skin via contact, normal wearer motion and/or body heat. Particularly, the skin care composition should have a water vapor transmission rate of at least about 0.1

gm/m2 /h and a barrier property of at least about -25 on Hunter b scale, as measured by a Methylene Blue Dye Method. A skin care composition containing triglyceride 26, squalane 9, cholesterol hydroxystearate 33, cholesterol 9, petrolatum 12, glyceryl linoleate 7, and sucrose ester fatty acid 4 % was prepared

REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 17 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STM

ACCESSION NUMBER: 2000:335172 HCAPLUS

DOCUMENT NUMBER: 132:339430

TITLE: Disposable premoistened wipe containing an antimicrobial protease inhibitor

INVENTOR(S): Rourke, Francis James; Richards, Marc Fredric; Osborne, Scott Edward

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|--|--------------|
| WO 2000027191 | A1 | 20000518 | WO 1999-US25932 | 19991103 <-- |
| W: | | | AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW | |
| RW: | | | GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | |
| US 6207596 | B1 | 20010327 | US 1998-188442 | 19981109 <-- |
| CA 2348900 | A1 | 20000518 | CA 1999-2348900 | 19991103 <-- |
| BR 9915187 | A | 20010814 | BR 1999-15187 | 19991103 <-- |
| EP 1128725 | A1 | 20010905 | EP 1999-971662 | 19991103 <-- |
| EP 1128725 | B1 | 20030326 | | |
| R: | | | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | |
| JP 2002529375 | T | 20020910 | JP 2000-580442 | 19991103 <-- |
| AT 235150 | T | 20030415 | AT 1999-971662 | 19991103 <-- |
| ZA 2001003306 | A | 20020723 | ZA 2001-3306 | 20010423 <-- |
| HK 1039726 | A1 | 20040116 | HK 2001-109208 | 20011228 <-- |
| PRIORITY APPLN. INFO.: | | | US 1998-188442 | A 19981109 |
| | | | WO 1999-US25932 | W 19991103 |

AB A disposable wipe comprises a substrate, an antimicrobial protease inhibitor, and a liquid. The antimicrobial protease inhibitor may be added directly to the substrate and/or added directly to the liquid. The antimicrobial protease inhibitor is capable of inhibiting deleterious fecal microorganisms and protease enzymes thereby aiding in the prevention of diaper dermatitis. The antimicrobial protease inhibitor is an aromatic diamidine, preferably hexamidine diisethionate. The wipe may optionally include other ingredients examples of which include humectants, emollients, surfactants, fragrances, emulsifiers, and preservatives. Also disclosed is a skin care regimen using the disposable wipe of the current invention in conjunction with a disposable absorbent article. For wearers of disposable absorbent articles, skin health in the area of the skin contacted by the disposable absorbent article is prophetically maintained and/or improved by utilizing the disposable wipe of the present invention in conjunction with the disposable absorbent article.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 18 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1999:595015 HCAPLUS
 DOCUMENT NUMBER: 131:219214
 TITLE: Protease inhibitors in absorbent articles
 INVENTOR(S): Rourke, Francis James; Osborne, Scott Edward; Roe, Donald Carroll; Underiner, Todd Laurence; Mciver, John McMillan; Bates, Timothy
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: PCT Int. Appl., 75 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-------------------|--------------|
| WO 9945974 | A1 | 19990916 | WO 1999-US5315 | 19990311 <-- |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW | | | | |
| RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| ZA 9902002 | A | 19990913 | ZA 1999-2002 | 19990311 <-- |
| CA 2322502 | A1 | 19990916 | CA 1999-2322502 | 19990311 <-- |
| CA 2322502 | C | 20061017 | | |
| AU 9930797 | A | 19990927 | AU 1999-30797 | 19990311 <-- |
| BR 9908564 | A | 20001205 | BR 1999-8564 | 19990311 <-- |
| EP 1061963 | A1 | 20001227 | EP 1999-912419 | 19990311 <-- |
| EP 1061963 | B1 | 20030507 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI | | | | |
| TR 200002602 | T2 | 20010221 | TR 2000-200002602 | 19990311 <-- |
| HU 200101053 | A2 | 20010730 | HU 2001-1053 | 19990311 <-- |
| JP 2002505917 | T | 20020226 | JP 2000-535386 | 19990311 <-- |
| AT 239512 | T | 20030515 | AT 1999-912419 | 19990311 <-- |
| ES 2196790 | T3 | 20031216 | ES 1999-912419 | 19990311 <-- |
| PRIORITY APPLN. INFO.: | | | US 1998-41232 | A 19980312 |
| | | | WO 1999-US5315 | W 19990311 |

AB An absorbent article, at least a portion of which has a protease inhibitor incorporated therein to decrease the activity of fecal proteases that may otherwise initiate or contribute to inflammation of the skin of a wearer of the article resulting in diaper rash or diaper dermatitis is provided. Preferably the article further comprises a delivery system for releasably containing and delivering the protease inhibitor to at least a portion of the skin of the wearer. More preferably, the delivery system comprises a skin care composition and at least a portion of the composition, including the protease inhibitor, is automatically transferred from the article to the wearer's skin without manual intervention during normal usage of the article to form a defense against fecal proteases at the skin-feces interface. Most preferably, repeated application of similarly treated articles to the wearer's skin provides an available source from which the protease inhibitor continuously transfers onto the skin over time and accumulates to provide a proactive defense against fecal proteases for the reduction or prevention of diaper dermatitis due to proteolytic enzymes. An absorbent article having a topsheet comprising a skin care composition and a protease inhibitor was prepared The

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skin composition comprised petrolatum 58, stearyl alc. 41, aloe extract 1,
and hexamidine diisethionate 1 parts.

10/780,267>04/04/2007

L7 ANSWER 2 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Regulation of mammalian hair growth

L7 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Regulation of mammalian keratinous tissue using hexamidine compositions

L7 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Hemorrhoid treatment pad containing skin care composition

L7 ANSWER 5 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Skin-protecting compositions to be delivered from absorbent articles

L7 ANSWER 6 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Skin care compositions comprising low concentrations of skin treatment agents

=> s l6 and ?ascorb?
101043 ?ASCORB?

L8 1 L6 AND ?ASCORB?

=> d l8 ti

L8 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Composition for make-up or skin-care in a powdery form containing a particular binder

10/780,267>04/04/2007

=> d his

(FILE 'HOME' ENTERED AT 16:31:10 ON 04 APR 2007)

FILE 'REGISTRY' ENTERED AT 16:31:27 ON 04 APR 2007
L1 0 S ACETYL GLUCOSAMINE/CN

FILE 'HCAPLUS' ENTERED AT 16:31:45 ON 04 APR 2007
S ACETYL GLUCOSAMINE/CN

FILE 'REGISTRY' ENTERED AT 16:31:50 ON 04 APR 2007
L2 0 S ACETYL GLUCOSAMINE/CN

FILE 'HCAPLUS' ENTERED AT 16:31:50 ON 04 APR 2007
L3 0 S L2

FILE 'STNGUIDE' ENTERED AT 16:31:56 ON 04 APR 2007

FILE 'HCAPLUS' ENTERED AT 16:32:05 ON 04 APR 2007
L4 1094 S ACETYL GLUCOSAMINE
E SKIN+ALL/CT

L5 280497 S (SKIN OR "BODY, ANATOMICAL") OR "SKIN" OR "KERATINS" OR "SUNS
L6 38 S L4 AND L5
L7 23 S L6 AND 1800<=PY<=2004
L8 4 S L7 AND TOPICAL

FILE 'STNGUIDE' ENTERED AT 16:33:54 ON 04 APR 2007

FILE 'HCAPLUS' ENTERED AT 16:46:26 ON 04 APR 2007
L9 59 S ASCORBYL GLUCOSIDE
L10 0 S L9 AND L7
L11 43 S L9 AND L5
L12 0 S L11 AND L4
L13 7 S L11 AND (SKIN CARE)
L14 0 S L13 AND 1800<=PY<=2004
L15 11 S L11 AND 1800<=PY<=2004

FILE 'STNGUIDE' ENTERED AT 16:49:14 ON 04 APR 2007
L16 0 S ?HEXAMID?

FILE 'HCAPLUS' ENTERED AT 16:50:46 ON 04 APR 2007
L17 1472 S ?HEXAMID?
L18 6 S L17 AND L9
L19 0 S L18 AND 1800<=PY<=2004

FILE 'STNGUIDE' ENTERED AT 16:51:31 ON 04 APR 2007

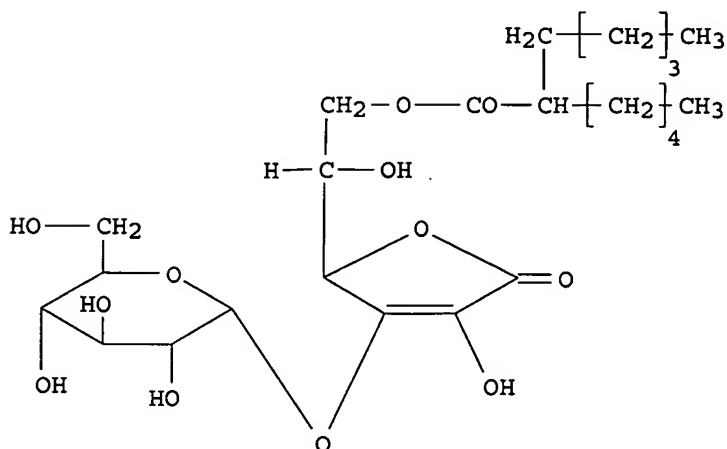
FILE 'HCAPLUS' ENTERED AT 16:53:29 ON 04 APR 2007
L20 48 S ASCORB? GLYCO?
L21 203 S ASCORB? GLUCO?
L22 249 S L20 OR L21
L23 6 S L17 AND L22
L24 0 S L23 NOT L18
L25 11 S L21 AND (SKIN CARE)
L26 4 S L25 AND 1800<=PY<=2004

FILE 'STNGUIDE' ENTERED AT 16:55:29 ON 04 APR 2007

=> S L25 AND 1800<=PY<=2004
25016972 1800<=PY<=2004
L26 4 L25 AND 1800<=PY<=2004

=> d 126 ibib abs

L26 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:355004 HCAPLUS
DOCUMENT NUMBER: 139:164930
TITLE: Synthesis and characterization of 6-O-acyl-2-O- α -D-glucopyranosyl-L-ascorbic acids with a branched-acyl chain
AUTHOR(S): Tai, Akihiro; Kawasaki, Daisuke; Sasaki, Kenji; Gohda, Eiichi; Yamamoto, Itaru
CORPORATE SOURCE: Department of Immunochemistry, Faculty of Pharmaceutical Sciences, Okayama University, Okayama, 700-8530, Japan
SOURCE: Chemical & Pharmaceutical Bulletin (2003), 51(2), 175-180
CODEN: CPBTAL; ISSN: 0009-2363
PUBLISHER: Pharmaceutical Society of Japan
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 139:164930
GI



I

AB We previously reported the chemical synthesis of a series of novel monoacylated vitamin C derivs., 6-O-acyl-2-O- α -D-glucopyranosyl-L-ascorbic acids (6-Acyl-AA-2G) possessing a straight-acyl chain of varying length from C4 to C18, as effective skin antioxidants. In this paper, we describe branched type of 6-Acyl-AA-2G derivs. (6-bAcyl-AA-2G) synthesized by use of a 2-branched-chain fatty acid anhydride as an acyl donor. The stability of 6-bAcyl-AA-2G in neutral solution was much higher than that of 6-Acyl-AA-2G, while they were susceptible to enzymic hydrolysis for exerting vitamin C effect. These branched derivs. as well as 6-Acyl-AA-2G increased the radical scavenging activity against 1,1-diphenyl-2-picrylhydrazyl and the lipophilicity in octanol/water-partitioning systems with increasing length of their acyl group. In addition, the 6-bAcyl-AA-2G derivative with an acyl chain of C12, 6-bDode-AA-2G (I) had the excellent solubility to various solvents, suggesting easy handling in cosmetic use.

These characteristics of 6-bAcyl-AA-2G may be available for skin care application as an effective antioxidant.

REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 126 ibib abs 2-4

L26 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:943207 HCAPLUS
DOCUMENT NUMBER: 139:202046
TITLE: Chemical modification of active substances applicable to skin care
AUTHOR(S): Yamamoto, Itaru
CORPORATE SOURCE: Dep. Immunochemistry, Fac. Pharmaceutical Sci., Okayama Univ., 1-1-1, Tsushima-naka, Okayama, 700-8530, Japan
SOURCE: Nippon Koshohin Kagakkaishi (2002), 26(3), 154-162
CODEN: NKKA EV; ISSN: 0287-1238
PUBLISHER: Nippon Koshohin Kagakkai
DOCUMENT TYPE: Journal; General Review
LANGUAGE: Japanese

AB A review. The well-known susceptibility of vitamin C to thermal and oxidative degradation has led to interest in derivs. with increased in vitro stability, while maintaining the inherent in vivo vitamin C activity. Among a variety of vitamin C derivs. developed in recent years, 2-O- α -D-glucopyranosyl-L-ascorbic acid (AA-2 G) and 6-Acyl-AA-2 G are the most promising ones, because these are markedly stable in vitro and exhibit vitamin C activity in vivo after enzymic degradation to ascorbic acid by tissue α -glucosidase and esterase. AA-2 G was originally synthesized in our laboratory from maltose and ascorbic acid with α -glucosidase of rat digestive organs and has been produced with CGTase on a large scale. It is available as agents for basic research and as a medical additive in com. cosmetics. A series of 6-Acyl-AA-2 G, stable lipophilic derivs., have been also synthesized in our laboratory and being developed for medical use. The interactions of ascorbate with cytokines in physiol. actions such as immune response and neurite outgrowth, which were demonstrated by use of these ascorbate derivs., are also described in this paper.

L26 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:784367 HCAPLUS
DOCUMENT NUMBER: 137:283998
TITLE: Cathodic water and its production by electrolysis of aqueous solutions containing ascorbyl glucosamine
INVENTOR(S): Hanaoka, Kokichi
PATENT ASSIGNEE(S): Mikuni K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|--------------|
| JP 2002301476 | A | 20021015 | JP 2001-110885 | 20010410 <-- |
| US 2002179455 | A1 | 20021205 | US 2002-114603 | 20020402 <-- |
| US 6730211 | B2 | 20040504 | | |
| EP 1249430 | A2 | 20021016 | EP 2002-90139 | 20020410 <-- |
| EP 1249430 | A3 | 20040519 | | |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

PRIORITY APPLN. INFO.: JP 2001-110885 A 20010410

AB Aqueous solns. containing antioxidant ascorbyl glucosamine (AG) and <0.1M water-soluble inorg. salts are electrolyzed to produce cathodic water (e.g., alkaline water) having oxidation-reduction potential (ORP) lower than that of the raw solns. An aqueous solution containing 0.3 weight% AG was electrolyzed to give cathodic water having pH 4.0, ORP -89 mV, and dissolved O content 6.87 mg/L, which showed good skin-moisturizing, -lightening, and -conditioning effects.

L26 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:607332 HCAPLUS

DOCUMENT NUMBER: 133:198662

TITLE: Triple action complexes containing three forms of vitamin C for topical skin care use

INVENTOR(S): Pollock, David E.

PATENT ASSIGNEE(S): Medi-Cell Laboratories, Inc., USA

SOURCE: U.S., 4 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| US 6110966 | A | 20000829 | US 1999-252478 | 19990218 <-- |
| PRIORITY APPLN. INFO.: | | | US 1998-75432P | P 19980220 |

AB A triple action complex containing three forms of vitamin C which provides the triple action of a major anti-oxidant, an anti-inflammatory and a collagen booster. The triple action complex contains ascorbic acid, sodium ascorbate, and ascorbyl glucosamine as the three forms of vitamin C, an α - and/or β -hydroxy acid, sea kelp, glycerin, 1,3-butylene glycol, sodium hydroxide and water. A composition containing ascorbic acid 2, 1,3-butylene glycol 10, sodium ascorbate 4, glycolic acid 32, sodium hydroxide 18, glycerin 4, ascorbyl glucosamine 12, sea kelp 10, and water q.s. to 100 % was prepared

REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/780,267>04/04/2007

L15 ANSWER 1 OF 11 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:1018448 HCAPLUS
DN 142:11240
TI Composition comprising a ceramide precursor based on 6-hydroxysphingene
and an activator of a 6-hydroxylase pathway for strengthening skin
barrier function
IN Chopart, Melanie; Castiel, Isabelle; Arbey, Eric
PA L'oreal, Fr.
SO Fr. Demande, 35 pp.
CODEN: FRXXBL
DT Patent
LA French
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI FR 2855049 A1 20041126 FR 2003-5977 20030519 <--
FR 2855049 B1 20060721
PRAI FR 2003-5977 20030519
OS MARPAT 142:11240
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 115 ibib abs

L15 ANSWER 1 OF 11 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:1018448 HCAPLUS
DOCUMENT NUMBER: 142:11240
TITLE: Composition comprising a ceramide precursor based on
6-hydroxysphingene and an activator of a
6-hydroxylase pathway for strengthening skin
barrier function
INVENTOR(S): Chopart, Melanie; Castiel, Isabelle; Arbey, Eric
PATENT ASSIGNEE(S): L'oreal, Fr.
SOURCE: Fr. Demande, 35 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
PATENT NO. KIND DATE APPLICATION NO. DATE

FR 2855049 A1 20041126 FR 2003-5977 20030519 <--
FR 2855049 B1 20060721
PRIORITY APPLN. INFO.: FR 2003-5977 20030519
OTHER SOURCE(S): MARPAT 142:11240
AB The present invention refers to a composition containing at least a precursor of
ceramide based on 6-hydroxysphingene, a substrate of 6-hydroxylase, and
at least an activator substance of the 6-hydroxylase pathway, for
strengthening skin barrier function. Thus, a niosome
formulation contained Span-40 0.225, cholesterol 0.125, disodium
N-stearoyl-L-glutamate 0.050, propylene glycol 3.000, ascorbyl
glucoside 0.100, N-oleylsphingosine 0.050, and water qs to 100%.
REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 115 ibib abs 2-5

L15 ANSWER 2 OF 11 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:1018447 HCAPLUS

DOCUMENT NUMBER: 141:427772
 TITLE: Compositions comprising a ceramide precursor based on phytosphingosine and a 4-hydroxylase pathway activator for strengthening skin barrier function
 INVENTOR(S): Chopart, Melanie; Castiel, Isabelle; Longuet, Joanna; Canivet, Florence
 PATENT ASSIGNEE(S): L'oreal, Fr.
 SOURCE: Fr. Demande, 35 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| FR 2855048 | A1 | 20041126 | FR 2003-5976 | 20030519 <-- |
| FR 2855048 | B1 | 20060721 | | |
| PRIORITY APPLN. INFO.: | | | FR 2003-5976 | 20030519 |

OTHER SOURCE(S): MARPAT 141:427772

AB The present invention refers to a composition containing at least a precursor of ceramide based on a phytosphingosine, a substrate of 4-hydroxylase, and at least an activator of the 4-hydroxylase pathway for strengthening skin barrier function. Thus, a niosome formulation contained Span-40 0.225, cholesterol 0.125, disodium N-stearoyl-L-glutamate 0.050, propylene glycol 3.000, ascorbyl glucoside 0.100, N-oleylsphingosine 0.050, and water qs to 100%.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 3 OF 11 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:631762 HCAPLUS
 DOCUMENT NUMBER: 141:145392
 TITLE: Collagen formation accelerators comprising onium salts and ascorbates
 INVENTOR(S): Suzuki, Motoyuki; Nakamura, Shuji; Motoda, Ryuichi
 PATENT ASSIGNEE(S): Hayashibara Biochemical Laboratories, Inc., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| JP 2004217597 | A | 20040805 | JP 2003-9329 | 20030117 <-- |
| PRIORITY APPLN. INFO.: | | | JP 2003-9329 | 20030117 |

OTHER SOURCE(S): MARPAT 141:145392

AB Claimed are skin preps. and cosmetics containing pyridinium or oxazolium compds. and L-ascorbic acid (or salts and derivs. thereof) as collagen production stimulators. For example, a lotion was formulated containing Kankohso 301 0.001 %, L-ascorbic acid 2-glucoside 0.5 %, and other conventional ingredients.

L15 ANSWER 4 OF 11 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:533628 HCAPLUS
 DOCUMENT NUMBER: 141:94008
 TITLE: Compositions having glycolipid to lighten skin and alter post-inflammatory hyperpigmentation
 INVENTOR(S): Mahalingam, Harish; Jones, Brian; Menon, Gopinathan K.
 PATENT ASSIGNEE(S): Avon Products, Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 5 pp.

CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| US 2004126344 | A1 | 20040701 | US 2002-330039 | 20021226 <-- |
| PRIORITY APPLN. INFO.: | | | US 2002-330039 | 20021226 |

AB A topical composition for lightening skin comprising about 0.001 weight% to about 20 weight% of a glycolipid is provided. The composition further comprises about 0.05 weight% to about 10 weight% of a second lightening material selected from ascorbyl glucosides, vitamin C, retinol and retinol derivs., water soluble licorice exts., bearberry exts., Rumex crispus exts., milk proteins, N,N,S-tris(carboxymethyl)cysteamine, oleanolic acid, perilla oil, placenta extract, Saxifragia sarmentosa, grape extract, etc. For example, a tomato glycolipid was evaluated for skin lightening efficiency using a melanosome uptake assay. At 0.5% volume/volume, tomato glycolipid showed a marked visual decrease in melanosome uptake as compared to the pos. control.

L15 ANSWER 5 OF 11 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:518460 HCAPLUS
 DOCUMENT NUMBER: 141:300979
 TITLE: Simultaneous determination of magnesium ascorbyl phosphate, ascorbyl glucoside, kojic acid, arbutin and hydroquinone in skin whitening cosmetics by HPLC
 AUTHOR(S): Huang, Shou-Chieh; Lin, Cheng-Chin; Huang, Ming-Chuan; Wen, Kuo-Ching
 CORPORATE SOURCE: Department of Health, Executive Yuan, Bureau of Food and Drug Analysis, Taipei, 115, Taiwan
 SOURCE: Yaowu Shipin Fenxi (2004), 12(1), 13-18
 CODEN: YSFEEP; ISSN: 1021-9498
 PUBLISHER: National Laboratories of Food and Drugs, Dep. of Health, Executive Yuan
 DOCUMENT TYPE: Journal
 LANGUAGE: English

AB A HPLC method was developed for simultaneous determination of 5 whitening ingredients: magnesium ascorbyl phosphate, ascorbyl glucoside, kojic acid, arbutin and hydroquinone decomposed from arbutin in cosmetics. Samples were extracted with 0.05M KH₂PO₄ buffer solution (pH 2.5) and analyzed on a Cosmosil 5 C18-AR-II column. A mixture of 0.05 M KH₂PO₄ buffer solution (pH 2.5) and methanol (99:1, volume/volume) was used as mobile phase. The UV detector was set at 280 nm. Pyridoxine was used as an internal standard. The related coeffs., R², of regression equations of the 5 standard curves were 0.9998-1.0000. The relative standard deviations of the 5 ingredients for intraday and interday anal. were <2.4%. The average recoveries of these 5 ingredients spiked in sample ranged 93.5-103.3%. The relative standard deviations of average recoveries were <1.3%. The limits of quantitation in cosmetics were 80.0, 20.0, 3.0, 15.0 and 10.0 µg/mL for magnesium ascorbyl phosphate, ascorbyl glucoside, kojic acid, arbutin and hydroquinone, resp.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l15 ibib abs 6-11

L15 ANSWER 6 OF 11 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:177905 HCAPLUS
 DOCUMENT NUMBER: 140:222890

TITLE: Cosmetic and dermatological preparation containing 8-hexadecene-1,16-dicarboxylic acid for treating skin pigmentation disorders

INVENTOR(S): Wolber, Rainer; Smuda, Christoph; Batzer, Jan; Biergiesser, Helga; Raschke, Thomas; Max, Heiner; Fey, Sven

PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany

SOURCE: Ger. Offen., 36 pp.
CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|--------------|
| DE 10238449 | A1 | 20040304 | DE 2002-10238449 | 20020822 <-- |
| WO 2004017935 | A1 | 20040304 | WO 2003-EP50249 | 20030620 <-- |
| W: JP, US | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR | | | | |
| EP 1572146 | A1 | 20050914 | EP 2003-792423 | 20030620 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK | | | | |

PRIORITY APPLN. INFO.: DE 2002-10238449 A 20020822
WO 2003-EP50249 W 20030620

AB The invention concerns topical compns. that include 8-hexadecene-1,16-dicarboxylic acid [20701-68-2] and at least one of the components from the group of ursolic acid, agouti peptides, licorice extract, hydroquinone, green tea extract, arbutin, biotin, uva-ursi extract, glycyrrhizine, placenta extract, ascorbyl glucoside, endothelin antagonist and chamomile extract. Thus a composition contained (weight/weight%): glyceryl stearate citrate 2; myristyl myristate 1; stearyl alc. 2; cetyl alc. 1; hydrogenated coco glycerides 2; butylene glycol dicaprylate/dicaprate 1; ethylhexyl coco fatty acid ester 3; vaseline 1; cyclomethicone 3; dicaprylyl eter 1; titanium dioxide 1; ethylhexylmethoxy cinnamate 5; butylmethoxy dibenzoyl methane 1; octadecene dioic acid 1; ursolic acid 0.1; iminodisuccinate sodium salt 0.2; phenoxyethanol 0.3; paraben 0.6; diazolidinyl urea 0.25; carbomer 0.05; ammonium polyacryloyl di-Me taurate 0.4; glycerin 10; dyes 0.05; fillers and additives 0.1; perfume q.s.; water to 100.

L15 ANSWER 7 OF 11 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:119760 HCAPLUS

DOCUMENT NUMBER: 140:169250

TITLE: Cosmetic compositions containing leukocyte extract for the lightening of skin

INVENTOR(S): Shepherd, Walter B.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 5 pp., Cont. of U.S. Provisional Ser. No. 403,205.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| US 2004028712 | A1 | 20040212 | US 2003-638221 | 20030808 <-- |
| PRIORITY APPLN. INFO.: | | | US 2002-403205P | P 20020812 |

AB Cosmetic compns. for topical application to the skin for lightening and/or brightening the skin are provided. The compns. are characterized by the presence of a leukocyte extract in

combination with 1 or more secondary skin brightening agents. A preferred group of such agents includes bearberry, arbutin, rutin, ascorbyl glucoside, ascorbyl magnesium phosphate, hydroquinone, kojic acid or combinations. Another group of preferred agents includes exts. of mulberry, lemon, orange, licorice, cucumber, cinnamon, cherry, rosemary and/or derivs. The combination of leukocyte extract with such agents possesses enhanced efficacy over similar preps. that did not contain leukocyte extract A cosmetic formulation contained water 77.75, cetyl alc. 2.50, iso-pr myristate 2.50, glyceryl stearate 1.00, glyceryl stearate (and) PEG-100 stearate 1.50, stearic acid 2.00, squalane 0.50, triethanolamine 0.75, leukocyte extract 5.00, bearberry extract 5.00, ascorbic acid 0.50, phenoxyethanol 0.40, methylparaben 0.30, and propylparaben 0.30%.

L15 ANSWER 8 OF 11 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:615373 HCAPLUS
DOCUMENT NUMBER: 137:174536
TITLE: Mask composition
INVENTOR(S): Trigg, David Leigh; Chen, Yin-Jang; Chen, Minghua
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|-----------------|--------------|
| WO 2002062312 | A1 | 20020815 | WO 2001-US4069 | 20010208 <-- |
| WO 2002062312 | A8 | 20031113 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| AU 2001236772 | A1 | 20020819 | AU 2001-236772 | 20010208 <-- |
| CA 2433513 | A1 | 20020815 | CA 2002-2433513 | 20020201 <-- |
| WO 2002062132 | A2 | 20020815 | WO 2002-US2859 | 20020201 <-- |
| WO 2002062132 | A3 | 20030605 | | |
| WO 2002062132 | A8 | 20031016 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| JP 2004529093 | T | 20040924 | JP 2002-562146 | 20020201 <-- |
| US 2005013784 | A1 | 20050120 | US 2003-630493 | 20030730 |
| HK 1064893 | A1 | 20070209 | HK 2004-107899 | 20041013 |
| PRIORITY APPLN. INFO.: | | | WO 2001-US4069 | W 20010208 |
| | | | WO 2002-US2859 | W 20020201 |

AB Disclosed is a mask composition comprising: (1) a water insol. substrate; and (2) a liquid composition comprising: (a) a skin tone changing agent

selected from the group consisting of skin tone changing pigments, reflective particulate material, and mixts. thereof, wherein the skin tone changing agent has a particle size of at least about 100nm; (b) a water-soluble thickening agent which provides the liquid composition a viscosity of from about 1000 mPas to about 600,000 mPas; and (c) an aqueous carrier. A composition contained titania 0.3, xanthan gum 0.6, 1,3-butylene glycol 10, ascorbyl glucoside 2, niacinamide 3.5, Na salicylate 0.5, di-Na phosphate 0.1, NaOH 0.24, Polysorbate 20 0.3, perfume 0.05, methylparaben 0.1, benzyl alc. 0.15, and di-Na EDTA 0.1 and deionized water to 100%.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 9 OF 11 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:235872 HCAPLUS

DOCUMENT NUMBER: 136:252295

TITLE: Skin-whitening cosmetics containing 6-acylascorbic acid 2-glucoside

INVENTOR(S): Yamamoto, Itaru; Seto, Masato; Suzuki, Itaru; Katagiri, Takayuki; Kawai, Mitsuo

PATENT ASSIGNEE(S): Pola Chemical Industries, Inc., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| JP 2002087946 | A | 20020327 | JP 2000-274818 | 20000911 <-- |
| PRIORITY APPLN. INFO.: | | | JP 2000-274818 | 20000911 |

AB This invention relates to skin-lightening cosmetics comprising 6-acylascorbic acid 2-glucoside and/or salts thereof and Sophora exts. as α -MSH inhibitors. A lotion contained squalane 10, sorbitan sesquistearate 2, 6-octanoylascorbic acid 2-glucoside 1, butylparaben 0.1, 1,3-butanediol 5, xanthan gum 0.1, carboxyvinyl polymer 0.2, methylparaben 0.1, Sophora flavescens ethanol exts. 1, KOH 0.1, and water balance to 100 %.

L15 ANSWER 10 OF 11 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:760035 HCAPLUS

DOCUMENT NUMBER: 135:308595

TITLE: Use of ascorbic acid derivatives for increasing epidermal ceramides synthesis

INVENTOR(S): Castiel, Isabelle; Ferraris, Corinne

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 13 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| EP 1145710 | A1 | 20011017 | EP 2001-400781 | 20010327 <-- |
| EP 1145710 | B1 | 20061102 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR | | | | |
| FR 2807320 | A1 | 20011012 | FR 2000-4574 | 20000410 <-- |
| FR 2807320 | B1 | 20020524 | | |
| AT 344016 | T | 20061115 | AT 2001-400781 | 20010327 |

| | | | | |
|------------------------|----|----------|----------------|--------------|
| JP 2001316261 | A | 20011113 | JP 2001-112027 | 20010410 <-- |
| US 2002042380 | A1 | 20020411 | US 2001-828884 | 20010410 <-- |
| US 2003176366 | A1 | 20030918 | US 2003-340839 | 20030113 <-- |
| JP 2006070048 | A | 20060316 | JP 2005-343815 | 20051129 |
| PRIORITY APPLN. INFO.: | | | FR 2000-4574 | A 20000410 |
| | | | JP 2001-112027 | A3 20010410 |
| | | | US 2001-828884 | B1 20010410 |

OTHER SOURCE(S): MARPAT 135:308595

AB Cosmetics compns. comprising ascorbic acid or its derivs. are used for enhancing the synthesis of epidermal ceramides and improving the skin barrier function. Efficacy of 5 µg/mL vitamin C in the enhancement of epidermal ceramide synthesis is shown. A cosmetic composition contained octyldodecanol 0.2, cyclomethicone 5, dimethicone copolyol 5, tocopheryl acetate 1, UV sunscreens 1, ascorbyl glucoside 0.01, glycerin 3, disodium EDTA 0.1, pH adjusting agents 2.6, preservatives 0.4, gelling agents 1.2, and water q.s. 100%.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 11 OF 11 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:759571 HCAPLUS

DOCUMENT NUMBER: 135:308593

TITLE: Cosmetics compositions comprising ascorbic acid in combination with an ascorbic acid derivative

INVENTOR(S): Castiel, Isabelle; Ferraris, Corinne; Bouchard, Arnelle

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 9 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| EP 1145706 | A1 | 20011017 | EP 2001-400780 | 20010327 <-- |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| FR 2807322 | A1 | 20011012 | FR 2000-4575 | 20000410 <-- |
| FR 2807322 | B1 | 20040220 | | |
| JP 2001354513 | A | 20011225 | JP 2001-112028 | 20010410 <-- |
| JP 3652270 | B2 | 20050525 | | |
| US 2002040006 | A1 | 20020404 | US 2001-828881 | 20010410 <-- |
| US 6596695 | B2 | 20030722 | | |
| US 2003190338 | A1 | 20031009 | US 2003-425608 | 20030430 <-- |
| US 6774114 | B2 | 20040810 | | |

PRIORITY APPLN. INFO.: FR 2000-4575 A 20000410
US 2001-828881 A1 20010410

AB Cosmetics compns. comprising ascorbic acid in combination with ascorbic acid derivative are used for enhancing the synthesis of epidermal ceramides and improving the skin barrier function. Efficacy of 15 µg/mL vitamin C in the enhancement of epidermal ceramide synthesis is shown. A cosmetic composition contained octyldodecanol 0.2, cyclomethicone 5, dimethicone copolyol 5, tocopheryl acetate 1, UV sunscreens 1, ascorbic acid 0.01, magnesium ascorbyl phosphate 0.1, ascorbyl glucoside 0.1, glycerin 3, disodium EDTA 0.1, pH adjusting agents 2.6, preservatives 0.4, gelling agents 1.2, and water q.s. 100%.

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 18 ibib abs

L8 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:877941 HCAPLUS

DOCUMENT NUMBER: 141:354849

TITLE: Compositions comprising dialkanoyl hydroxyproline compounds and skin care compounds and methods for regulating mammalian keratinous tissue

INVENTOR(S): Robinson, Larry Richard; Tanner, Paul Robert

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 25 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|--------------|
| US 2004208903 | A1 | 20041021 | US 2003-418594 | 20030417 <-- |
| AU 2004231973 | A1 | 20041104 | AU 2004-231973 | 20040416 <-- |
| CA 2522064 | A1 | 20041104 | CA 2004-2522064 | 20040416 <-- |
| WO 2004093841 | A1 | 20041104 | WO 2004-US11804 | 20040416 <-- |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP 1622582 | A1 | 20060208 | EP 2004-759927 | 20040416 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK | | | | |
| BR 2004009372 | A | 20060425 | BR 2004-9372 | 20040416 |
| CN 1774231 | A | 20060517 | CN 2004-80010382 | 20040416 |
| JP 2006523615 | T | 20061019 | JP 2006-501274 | 20040416 |
| PRIORITY APPLN. INFO.: | | | US 2003-418594 | A 20030417 |
| | | | WO 2004-US11804 | W 20040416 |

OTHER SOURCE(S): MARPAT 141:354849

AB The present invention relates to skin care compns. and methods for regulating the condition of mammalian keratinous tissue containing an effective amount of a dialkanoyl hydroxyproline compound and a second skin care compound selected from hexamidine compds., sugar amine compds. and their combination. These compns. may be either an emulsion or a solution wherein the dialkanoyl hydroxyproline compound may be converted to its salt for incorporation into the aqueous phase of a compns. The compns. further comprise a dermatol. acceptable carrier.

=> d 18 ibib abs 2-4

L8 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:799452 HCAPLUS

DOCUMENT NUMBER: 141:301435

TITLE: Acidic drug complexes for improved bioavailability and delivery

INVENTOR(S): Yu, Ruey J.; Van Scott, Eugene J.

PATENT ASSIGNEE(S): USA

SOURCE: PCT Int. Appl., 33 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| WO 2004082628 | A2 | 20040930 | WO 2004-US8112 | 20040317 <-- |
| WO 2004082628 | A3 | 20041119 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2004220264 | A1 | 20041104 | US 2004-801134 | 20040316 <-- |
| AU 2004222305 | A1 | 20040930 | AU 2004-222305 | 20040317 <-- |
| CA 2519126 | A1 | 20040930 | CA 2004-2519126 | 20040317 <-- |
| EP 1603549 | A2 | 20051214 | EP 2004-757550 | 20040317 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK | | | | |
| PRIORITY APPLN. INFO.: | | | US 2003-454631P | P 20030317 |
| | | | US 2004-801134 | A 20040316 |
| | | | WO 2004-US8112 | A 20040317 |

OTHER SOURCE(S): MARPAT 141:301435

AB Embodiments of the invention relate to a composition, a process of making the composition, and to the use of the composition. The comps. include a mol. complex formed between an acidic pharmaceutical drug and at least one functional substance. The comps. provide improved bioavailability and improved delivery of the drug into the cutaneous tissues. For example, methotrexate complex with L-lysine was found to have less skin irritation when applying topically to treat psoriasis on the forearm.

L8 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:754180 HCAPLUS

DOCUMENT NUMBER: 137:268196

TITLE: Skin care compositions containing a sugar amine

INVENTOR(S): Bissett, Donald Lynn; Goodman, Laura Jackson; Jewell-Motz, Elizabeth Ann

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: PCT Int. Appl., 53 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|--------------|
| WO 2002076423 | A2 | 20021003 | WO 2002-US8420 | 20020319 <-- |
| WO 2002076423 | A3 | 20030313 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, | | | | |

PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, UZ, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 AU 2002258558 A1 20021008 AU 2002-258558 20020319 <--
 EP 1372600 A2 20040102 EP 2002-728512 20020319 <--
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 CN 1503659 A 20040609 CN 2002-807079 20020319 <--
 JP 2005503335 T 20050203 JP 2002-574939 20020319
 PRIORITY APPLN. INFO.: US 2001-277805P P 20010322
 WO 2002-US8420 W 20020319

AB Topical skin care compns. containing sugar amines in combination with selected skin care actives, e.g., a terpene alc., a retinoid, a peptide, or a vitamin, and methods of using such compns. to regulate the condition of the skin are described. For example, a moisturizing skin cream/lotion was prepared by mixing: Phase A containing glycerol 5.00%, disodium EDTA 0.10%, allantoin 0.20%, glucosamine hydrochloride 5.00%, sodium metabisulfite 0.10%, BHT 0.015%, titanium dioxide 0.25%, dexpanthenol 0.25%, and water up to 100%; Phase B containing C12-C15 alkyl benzoate 5.00%, caprylic/capric triglyceride 1.00%, cetyl alc. 0.50%, tocopherol sorbate 0.50%, sorbitan stearate/sucrose cocoate 1.00%, cetearyl glucoside 0.50%, stearyl alc. 0.70%, behenyl alc. 0.60%, Et paraben 0.20%, Pr paraben 0.10%, PEG-100 stearate 0.10%, and polymethylsilsesquioxane 0.25%; Phase C containing polyacrylamide/C13-14 isoparaffin/laureth-7 2.00%; and Phase D containing retinyl propionate 0.20%, green tea extract 1.00%, benzyl alc. 0.25%, dimethicone/dimethiconol 0.50%, and perfume 0.20%.

L8 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1989:601387 HCAPLUS
 DOCUMENT NUMBER: 111:201387
 TITLE: Skin treatment composition and hair-growth stimulant comprising hyaluronic acid fragments
 INVENTOR(S): Scott, Ian Richard
 PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever N. V.
 SOURCE: Eur. Pat. Appl., 25 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|-------------------|-----------------|--------------|
| EP 295092 | A2 | 19881214 | EP 1988-305255 | 19880609 <-- |
| EP 295092 | A3 | 19900905 | | |
| EP 295092 | B1 | 19920923 | | |
| R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, NL, SE | | | | |
| AU 8817459 | A | 19881215 | AU 1988-17459 | 19880607 <-- |
| AU 613920 | B2 | 19910815 | | |
| CA 1318252 | C | 19930525 | CA 1988-569286 | 19880607 <-- |
| IN 167137 | A1 | 19900901 | IN 1988-B0166 | 19880609 <-- |
| AT 80790 | T | 19921015 | AT 1988-305255 | 19880609 <-- |
| ES 2046300 | T3 | 19940201 | ES 1988-305255 | 19880609 <-- |
| BR 8802863 | A | 19890103 | BR 1988-2863 | 19880610 <-- |
| JP 01013008 | A | 19890117 | JP 1988-143448 | 19880610 <-- |
| JP 07008770 | B | 19950201 | | |
| ZA 8804172 | A | 19900228 | ZA 1988-4172 | 19880610 <-- |
| PRIORITY APPLN. INFO.: | | | GB 1987-13747 | A 19870612 |
| | | | EP 1988-305255 | A 19880609 |
| OTHER SOURCE(S): | | MARPAT 111:201387 | | |

- AB A composition for topical administration to mammalian skin comprises hyaluronic acid fragments with 7-50 monosaccharide units, terminating either with a glucuronic acid unit and/or a N-acetyl glucosamine unit, or an unsatd. derivative of one or both of these terminal units, and a cosmetically acceptable vehicle. When the fragments of hyaluronic acid consist of fragments with >25 monosaccharide units, then the composition also comprises a means for enhancing the activity of the fragments in terms of angiogenic and/or growth response following topical application to the skin. Such agents are hair growth stimulants such as minoxidil, direct proteoglycanase inhibitors, glycosaminoglycanase inhibitors (e.g. an aldonolactone, a monosaccharide such as N-acetylglucosamine), glycosaminoglycan chain cellular uptake inhibitors, glycosidase inhibitors (e.g. a lactam, such as D-glucaro-1,5-lactam), and chemical activators of protein kinase C enzymes (e.g. diacylglycerol). The composition enhances the quality and appearance of human skin and promotes hair growth. Hyaluronic acid (7-50 monosaccharide fragments) was applied to the skin of rabbits for 5 days and effected an increase in the number of blood vessels (capillaries) in the treated area. A composition comprising hydroxyethyl cellulose 0.4, absolute EtOH 25, butane-1,3-diol 38.4, Me p-benzoate 0.2, hyaluronic acid fragments (26-50 monosaccharide units) 25, minoxidil 1, perfume 1, and H₂O to 100% weight/weight The composition is useful for the treatment of balding scalp.